Creative Enzymes®

adenosylcobalamin/α-ribazole phosphatase

Cat. No. EXWM-3678

Lot. No. (See product label)

Introduction

Description This enzyme catalyses the last step in the anaerobic (early cobalt insertion) pathway of adenosylcobalamin biosynthesis, characterized in Salmonella enterica.It also participates in a salvage pathway that recycles cobinamide into adenosylcobalamin.

Synonyms CobC; adenosylcobalamin phosphatase; α-ribazole phosphatase

Product Information

Form Liquid or lyophilized powder

EC Number EC 3.1.3.73

CAS No. 251991-06-7

Reaction (1) adenosylcobalamin 5'-phosphate + H2O = coenzyme B12 + phosphate; (2) α-ribazole 5'-phosphate + H2O = α-ribazole + phosphate

Notes This item requires custom production and lead time is between 5-9 weeks. We can custom produce according to your specifications.

Storage and Shipping Information

Storage Store it at +4 ℃ for short term. For long term storage, store it at -20 ℃~-80 ℃.